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DERWENT-WEEK: 198525

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TITLE: Transport vehicle testing
stand - has dust dispersion
device in form of iron grid
fixed on base and connected
to air pumping installation

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PATENT-FAMILY:

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LANGUAGE		MAIN-IPC
SU 1080061 A		March 15, 1984
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APPLICATION-DATA:

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INT-CL (IPC): G01M015/00, G01M017/00

ABSTRACTED-PUB-NO: SU 1080061A

BASIC-ABSTRACT:

Operational conditions simulation accuracy is increased by simulating the abrasive effect of dusty environment. To achieve this object the test stand is equipped with the dispersion device in the form of an iron grid fixed on a base (1) and connected to the outlet duct of the air pumping installation, dust containing bunker (12) fixed on a base, ejection well (13) fixed on a base and connected to the dust bunker (12) and having the inlet duct connected to the air pumping installation outlet, sieve-like fabrics suspended on flexible joints in the ejection well outlet duct zone and the directional effect vibrator fixed on the sieve-like fabric.

The dust concentration is controlled by means of the choke apertures (20). Turning the aperture (20) various setting of the ejection well (13) are obtained, thus adjusting the amount of dust leaving the outlet ducts.

USE - For tractor testing under normal operating conditions. Bul.10/15.3.83

CHOSEN-DRAWING: Dwg.1/3

DERWENT-CLASS: S02

EPI-CODES: S02-J01; S02-J02;